

Recombinant Rat Prss21 Protein, His-tagged

Cat. No. Prss21-1994R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Prss21 Protein (His51-Ala328) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	His51-Ala328
Description	Predicted to enable serine-type endopeptidase activity. Involved in spermatogenesis. Predicted to be located in membrane. Predicted to be active in extracellular space. Orthologous to human PRSS21 (serine protease 21).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35.1 kDa Accurate Molecular Mass: 35 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Prss21 serine protease 21 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Prss21

Synonyms

Prss21; serine protease 21; Esp-1; Resp-1; serine protease 21; eosinophil serine protease-1; protease, serine, 21; testisin

Gene ID

353251

mRNA Refseq

NM_181477

Protein Refseq

NP_852142

UniProt ID

Q80Z40

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